

VALVE DEVICE FOR PRESSURE CONTROL IN A COMBUSTION ENGINE, AND A METHOD FOR SUCH PRESSURE CONTROL

Abstract

Method and device (15) for pressure control in a combustion engine (1) with a crankcase (11) to which crankcase gases are guided during operation of the engine. The valve device (15) is adapted for detecting the current pressure in the crankcase (11) and for opening and closing, respectively, a connection (35) between the crankcase (11) and a suction pipe (9) of the engine depending on the detected pressure. The valve device (15) includes a first valve (19) which is adapted for assuming a condition between a first, opened position and a second, closed position depending on the detected pressure in the crankcase (11), and a second valve (20) which is adapted for assuming a condition between a first, opened position and a second, closed position depending on the condition of the first valve (19). The invention also relates to a method for such pressure control. By means of the invention, an improved device for ventilating crankcase gases is provided, wherein in particular an accurate control of the pressure in the crankcase is pro-

vided.